

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|------------------------------|------------------|---------|------------------|
| S2 | 1 | "5600672".pn. | USPAT | OR | ON | 2005/09/24 16:13 |
| S3 | 24 | ("3824548" "3959726" "4303939" "4303941" "4309726" "4535352" "4564858" "4581639" "4769819" "4794447" "4817192" "5029003" "5134464" "5400084" "5214656" "5181112" "5377051" "5576902" "5218622" "5561468" "5598220" "5802241" "4800426" "5007088").pn. | USPAT | OR | ON | 2005/06/08 16:06 |
| S4 | 1 | "5555275".pn. | USPAT | OR | ON | 2005/06/08 16:06 |
| S5 | 8 | ("5555275").URPN. | USPAT | OR | ON | 2005/06/08 16:06 |
| S6 | 1 | ("6728467").URPN. | USPAT | OR | ON | 2005/06/08 16:15 |
| S7 | 0 | ("6724976").URPN. | USPAT | OR | ON | 2005/06/08 16:16 |
| S8 | 0 | ("RE38483").URPN. | USPAT | OR | ON | 2005/06/08 16:16 |
| S9 | 0 | ("6678336").URPN. | USPAT | OR | ON | 2005/06/08 16:16 |
| S10 | 0 | ("6678336").URPN. | USPAT | OR | ON | 2005/06/08 16:16 |
| S11 | 0 | ("6549716").URPN. | USPAT | OR | ON | 2005/06/08 16:16 |
| S12 | 0 | ("6546426").URPN. | USPAT | OR | ON | 2005/06/08 16:16 |
| S13 | 3 | ("6526107").URPN. | USPAT | OR | ON | 2005/06/08 16:16 |
| S14 | 2 | ("6256357").URPN. | USPAT | OR | ON | 2005/06/08 16:16 |
| S15 | 3 | ("5493694" "5835376" "5880958").pn. | USPAT | OR | ON | 2005/06/09 16:43 |
| S16 | 21 | ("5181112" "5377051" "5576902" "5218622" "5561468" "5598220" "5802241" "3824548" "3959726" "4303939" "4303941" "4309726" "4535352" "4564858" "4581639" "4769819" "4794447" "4817192" "5029003" "5134464" "5400084").pn. | USPAT | OR | ON | 2005/06/30 14:49 |
| S17 | 8 | ("2686831" "3617626" "4296431" "4300161" "4429327" "4473837" "4476484").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/30 14:52 |
| S18 | 16 | ("4535352").URPN. | USPAT | OR | ON | 2005/06/30 14:52 |
| S19 | 13 | ("5181112").URPN. | USPAT | OR | ON | 2005/06/30 14:55 |
| S20 | 13 | ("3624282" "3792356" "4011405" "4251886" "4367495" "4860317" "4875095" "4918515" "5040063" "5040191" "5086340" "5087975" "5121203").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/30 15:01 |

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|-----|-------|--|------------------------------|----|----|------------------|
| S21 | 2 | ("4794447" "4309726").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/30 15:02 |
| S22 | 1 | "3959726".pn. | USPAT | OR | ON | 2005/08/03 07:24 |
| S23 | 10940 | (\$3psk \$3qam) with modulat\$5 | USPAT | OR | ON | 2005/08/04 09:43 |
| S24 | 1629 | S23 with (level constellation) | USPAT | OR | ON | 2005/08/04 09:18 |
| S25 | 2011 | S23 with (level order constellation) | USPAT | OR | ON | 2005/08/04 09:20 |
| S26 | 1527 | S25 and ("375"/\$.ccls. "455"/\$. ccls.) | USPAT | OR | ON | 2005/08/04 09:20 |
| S27 | 1240 | S26 and ((plural\$5 multi\$6 amongst among) with (modulat\$5 cod\$4 encod\$4)) | USPAT | OR | ON | 2005/08/04 09:22 |
| S28 | 322 | poon.in. | USPAT | OR | ON | 2005/08/04 09:22 |
| S29 | 0 | S28 and (dac adj ha).xa. | USPAT | OR | ON | 2005/08/04 09:22 |
| S30 | 18 | S28 and "375"/\$.ccls. | USPAT | OR | ON | 2005/08/04 09:23 |
| S31 | 21 | ("4425665" "4931250" "5349635" "5367563" "5491832" "5533004" "5537398" "5550881" "5557634" "5559810" "5577087" "5602868" "5655003" "5671253" "5717471" "5764699" "5872810" "5940438" "5982819" "6037835" "6208663").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:27 |
| S32 | 2 | S31 not @ad>="19910327" | USPAT | OR | ON | 2005/08/04 09:31 |
| S33 | 23 | ("5526399" "5533004" "5559810" "5577087" "5600663" "5638384" "5699365" "5701294" "5722051" "5757813" "5764699" "5828672" "5828677" "5844918" "5909469" "5923642" "5940439" "5946320" "5983382" "5991286" "6011950" "6021516" "6044485").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:28 |
| S34 | 3 | ("4553251" "4726040" "5757847").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:29 |
| S35 | 6 | ("4731796" "5239306" "5497401" "5537398" "5671253" "5680102").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:29 |
| S36 | 8 | ("5349635" "5367563" "5550881" "5577087" "5602868" "5655003" "5671253" "5717471").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:29 |

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|-----|----|--|------------------------------|----|----|------------------|
| S37 | 8 | ("5022047" "5235615" "5309474" "5357541" "5359625" "5363401" "5375140" "5414728").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:29 |
| S38 | 4 | ("5333148" "5363408" "5418815" "5577087").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:29 |
| S39 | 10 | ("4309719" "5119177" "5233630" "5253044" "5267024" "5282019" "5434886" "5444491" "5497401" "5511096").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:29 |
| S40 | 12 | ("4309719" "4599732" "5119177" "5134464" "5253044" "5282019" "5363408" "5386239" "5495203" "5506636" "5521943" "5561468").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:29 |
| S41 | 1 | ("5091942").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:29 |
| S42 | 13 | ("3378773" "4290140" "4660192" "4804924" "4939789" "4955083" "5109542" "5155455" "5163159" "5329260" "5361403" "5491832").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:30 |
| S43 | 4 | ("3911395" "4571735" "4697265" "5081666").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:30 |
| S44 | 5 | ("4040023" "4208630" "4665478" "4715045" "4943974").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:30 |
| S45 | 2 | ("4715044" "5450530").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:30 |
| S46 | 4 | ("4425665" "4931250" "5317594" "5349635").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:30 |
| S47 | 10 | ("4891637" "5228025" "5239306" "5313169" "5345440" "5357502" "5371548" "5406551" "5452288" "5471464").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:30 |
| S48 | 8 | ("4495619" "5117453" "5182746" "5197061" "5233629" "5305352" "5369637" "5377194").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:31 |

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|-----|--------|--|------------------------------|----|----|------------------|
| S49 | 110 | S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S45 S46 S47 S48 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:31 |
| S50 | 34 | S49 not @ad>="19910327" | USPAT | OR | ON | 2005/08/04 09:43 |
| S51 | 3 | S27 and S50 | USPAT | OR | ON | 2005/08/04 09:32 |
| S52 | 329 | S27 and ((\$3psk \$3qam) with modulat\$5).clm. | USPAT | OR | ON | 2005/08/04 09:43 |
| S53 | 57 | S52 not @ad>="19910327" | USPAT | OR | ON | 2005/08/04 09:43 |
| S54 | 6 | ("4731796" "5239306" "5497401" "5537398" "5671253" "5680102").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:49 |
| S55 | 8 | ("5349635" "5367563" "5550881" "5577087" "5602868" "5655003" "5671253" "5717471").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:56 |
| S56 | 4 | ("5333148" "5363408" "5418815" "5577087").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:57 |
| S57 | 12 | ("4309719" "4599732" "5119177" "5134464" "5253044" "5282019" "5363408" "5386239" "5495203" "5506636" "5521943" "5561468").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 09:58 |
| S58 | 4 | ("3911395" "4571735" "4697265" "5081666").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 10:03 |
| S59 | 4 | ("4425665" "4931250" "5317594" "5349635").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 10:05 |
| S60 | 1 | "6463108".pn. | USPAT | OR | ON | 2005/08/18 10:26 |
| S61 | 12 | mimo.ti. | USPAT | OR | ON | 2005/08/23 10:33 |
| S62 | 162760 | edge.ab. | USPAT | OR | ON | 2005/08/23 10:34 |
| S63 | 9567 | edge.ti. | USPAT | OR | ON | 2005/08/23 10:34 |
| S64 | 24 | S63 and "370"/\$.ccls. | USPAT | OR | ON | 2005/08/23 10:45 |
| S65 | 1 | "5345231".pn. | USPAT | OR | ON | 2005/08/23 10:52 |
| S66 | 1 | ("6400290").pn. | USPAT | OR | ON | 2005/08/23 10:53 |
| S67 | 4 | ("6538470" "6566044" "6566096" "6628140").pn. | USPAT | OR | ON | 2005/08/23 15:19 |
| S68 | 2 | ("6298315" "6356850").pn. | USPAT | OR | ON | 2005/08/23 18:20 |
| S69 | 1 | "6031419".pn. | USPAT | OR | ON | 2005/08/24 09:56 |
| S70 | 1 | "5345231".pn. | USPAT | OR | ON | 2005/08/24 09:56 |
| S71 | 0 | (provisonal adj application) and (dac near1 ha).xa. | USPAT | OR | ON | 2005/08/24 10:47 |

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|------|------|---|-------|----|----|------------------|
| S72 | 0 | (provisonal adj application) and (chieh fan).xa. | USPAT | OR | ON | 2005/08/24 10:48 |
| S73 | 1 | (provisonal adj application) and "375"/\$.ccls. | USPAT | OR | ON | 2005/08/24 10:49 |
| S74 | 52 | (provisonal adj application) | USPAT | OR | ON | 2005/08/24 10:49 |
| S75 | 1445 | (block with syn\$7) same (frame with syn\$7) | USPAT | OR | ON | 2005/09/20 15:44 |
| S76 | 1315 | (block with syn\$7) with (frame with syn\$7) | USPAT | OR | ON | 2005/09/20 15:44 |
| S77 | 22 | S76 with modulats\$5 | USPAT | OR | ON | 2005/09/20 15:47 |
| S78 | 7 | S77 not @ad>="19910327" | USPAT | OR | ON | 2005/09/20 15:47 |
| S79 | 85 | S75 same modulats\$5 | USPAT | OR | ON | 2005/09/20 15:47 |
| S80 | 22 | S79 not @ad>="19910327" | USPAT | OR | ON | 2005/09/21 18:24 |
| S81 | 15 | S80 not S78 | USPAT | OR | ON | 2005/09/20 15:47 |
| S82 | 1 | "5600672".pn. and aspect | USPAT | OR | ON | 2005/09/21 18:23 |
| S83 | 1361 | (tv or hdtv) with aspect | USPAT | OR | ON | 2005/09/21 18:24 |
| S84 | 264 | S83 not @ad>="19910327" | USPAT | OR | ON | 2005/09/21 18:24 |
| S85 | 358 | S83 with display\$4 | USPAT | OR | ON | 2005/09/21 18:24 |
| S86 | 247 | S85 with ratio | USPAT | OR | ON | 2005/09/21 18:24 |
| S87 | 39 | S86 not @ad>="19910327" | USPAT | OR | ON | 2005/09/24 16:14 |
| S88 | 39 | S87 and aspect | USPAT | OR | ON | 2005/09/21 18:25 |
| S89 | 14 | (modulats\$4 with ask with bias\$3) | USPAT | OR | ON | 2005/09/24 16:14 |
| S90 | 2 | S89 not @ad>="19910327" | USPAT | OR | ON | 2005/09/24 16:17 |
| S91 | 9114 | (modulats\$4 with bias\$3) | USPAT | OR | ON | 2005/09/24 16:14 |
| S92 | 436 | S91 same (ask psk qam fsk am fm (key\$3 near1 modulats\$4)) | USPAT | OR | ON | 2005/09/24 16:17 |
| S93 | 181 | S92 not @ad>="19910327" | USPAT | OR | ON | 2005/09/24 16:18 |
| S94 | 19 | S91 same (ask) | USPAT | OR | ON | 2005/09/24 16:17 |
| S95 | 2 | S94 not @ad>="19910327" | USPAT | OR | ON | 2005/09/27 10:28 |
| S96 | 93 | S93 and bias\$3.clm. | USPAT | OR | ON | 2005/09/24 16:18 |
| S97 | 291 | (filter\$3 fir) with (select\$6 choos\$3) with (qam vsb \$3psk fsk ask) | USPAT | OR | ON | 2005/09/27 10:27 |
| S98 | 70 | S97 not @ad>="19910327" | USPAT | OR | ON | 2005/09/27 10:29 |
| S99 | 22 | S97 same coefficient | USPAT | OR | ON | 2005/09/27 10:28 |
| S100 | 1 | S99 not @ad>="19910327" | USPAT | OR | ON | 2005/09/27 10:29 |